STACKS OF

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on the controller the type, ease and depth of only well or the channel depth agents on any or the channel of th

TO DESCRIPTION OF THESE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD DRILLER'S LOG ADMINISTRATOR OF GROUNDWATER CODE ADMINISTRATOR OF GROUN

	indicate the character, color, thick- ness of strata such as soil, clay, sand,
NOTICE OF COMPLETION OF GROUNDWATER	gravel, shale, sandstone, etc. Show
APPROPRIATION BY MEANS OF WELL HA DEPARTMENT Developed after January 1, 1962 RESURGES AND COL	depth at which water is found and TCF MATINE and to which water rises in well.
	\$353vii(3);
(Under Chapter 237 Montana Session Laws, 1961, as amended)	Top of Ground Approx(Elev. above sea level) 3180'
This form to be prepared by driller, and three copies to be filed by the coving with the County Clerk and Recorder in the county in	From To (Feet)
by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.	0 1 Topsoi1
Please answer all questions. If not applicable, so state, otherwise the form may be returned.	1 48 Gravel, cobblestones and boulders
	48 59 Sand. gravel and
Owner School District No. For Administrator's Use	59 79 Silty sand and grave)
Address 215 South Sixth St. File 2455; 330.596	79 81 Fine sand and gravel
Vost	81 83 Sand and gravel with stringers of gray clay
Missoula, Montana April 13; 1973	83 84 Fine sand and large
Date well started	84 86 Sand with some gravel
completed 8/15/72	mixed in
	86 86 Large gravels, sand 864 90 Fine sand and large
Type of well	gravels with stringers
Equipment used Cable Tool Rig	of gray clay
(Chura drill, rotary or other) Water Use: Domestic ☐ Municipal ☐ Stock ☐ !rrigation 🔀	and sand
monicipal Stock Stringdion M	98 104'8" Gravel and sand/
Industrial 🗍 Drainage 🗍 Other 🗎* Garden/Lawn 🗍	
*Describe	
USE: If used for irrigation, industrial, drainage or other. Explain,	
state number of acres and location or other data (i.e. Lot, Block	12 N
and Addition). Approx. Six Acres	
ESTIMATED ANNUAL WITHDRAWAL .78.840.000.gallons	
Size of Size and From To FERFORATIONS PERFORATIONS	-
Hole of Casing Kind From To Size (Feet) (Feet)	
8" 8 5/8" Copper Alloy	
OD x Louvered Screen	
.280 +2 90 90 98 6 5/8" OD blank tailpipe with bottom	
belled in & one inch plate solidly	
welded on bottom 98 104'8	"
N 40	
Static water level	*
at 300 gellons per minute measured 200 minutes after pumpin	
measured	9
*Measured from ground level.	
Well developed by MIT LIET. P for TWENTY hours.	33
Power Diesel Pump 150 H	
Remarks: (Gravel packing, cementing packers, type of shutoff)	
entering well through	···
SE 1/4 Sec 29 slot openings in water well screen. Wells in	
* W this area can be	
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.	
EACH SMALL SQUARE REPRESENTS 40 ACRES. LIBERTY DRILLING COMPANY	
Driller's Signature	
Driller's Address 2500 Reserve Street	
Missoula, Montana LICENSE NO. 52	104'8" Show exact depth of bottom

LICENSE NO...52.

52,943

Water rises on well 40 feet

from surface.

I received and filed this Instrument for record on the 12 day of Open 1971 at 1:05 o'clock M., permanent files of Missoula County, State of Montana Witness my hand:

Dopothy L. Head County Recorder By Dopothy L. Paid

depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 40 to 50 percent of the tested capacity of the aquifer.

profession and profession

प्राप्त के क्षेत्रक अध्योग की पहल अव्याक्त्रपृति

STATE STATE

a contract of the contract of

File M6	T 3 N R 19 W
DUPLICATE	County Missoula
STATE OF MONTANA ADMINISTRATOR OF GROUNDWATE OFFICE OF STATE ENGINEE	1 2
Notice of Appropriation of G (Under Chapter 237, Montana Session L	
County of Massacka, State of Montage propriate groundwater in accordance with Chapter 237, Mon	
2. The beneficial use to which water is to be applied is	ailer Court lots 34-5
Oute all + lots 7.8.9.10 and 11 Cur Sine sol (describe lands to be benefited, if for irrigation)	d. also Home Hold 3007 Egg
3. The rate of use in gallons per minute or miner's inches of gr	
4. The annual period (inclusive dates) of intended use	_
The annual period (inclusive dates) of incented data.	hil 12 1964
5. The probable or intended date of first beneficial use	P D
6. The probable or intended date of commencement and comple	tion of the well* or wells* Cang
7. The location, type, size and depth of well or wells contemp	lated Let Tol & Block 16
Cas line add Duelled 6" and are	
	<i>l</i>
8. The probable or estimated depth of the water table or artes	
9. Name, address and license number of the driller engaged	John Terral
aslee Montaa Licanse do n.	I know.
10. Give such other similar information as may be useful	N
in carrying out the policy of this act	
W	В
	X
	<u> </u>
	Locate well or other means of development as accurately as possible on the plat tolerally
	istor Elm Falon hy
1	Date Da 30 ~ 63
 As defined in the Code Sec. 1 (c) "Well" means any artificial however made, by which groundwater can be obtained or throsures or is artificially withdrawn." 	l opening or excavation in the ground, ugh which it flows under natural pres-
Three copies of this notice are to be filed with County Clerk at the well is located.	nnd Recorder of the county in which
Please answer all questions. If not applicable, so state, other	wise the form will be returned.
Original to the County Clerk and Recorder; duplicate to th Montana Bureau of Mines and Geology and Quadruplicate for	e State Engineer; Triplicate to the r the Appropriator. 15297

GW 2			Approved 5	Stock Form—S	itate Publishing	Co., Helena, 1	Montana—4047	. 7
Fije No					T.	137	r 19 W	
DUPLIC	ATÊ		administ Of	STATE TRATOR (OF MONT	ANA DWATER	CUET	VED
	Top of Ground		OF	FICE OF	STATE E	nginëer 	MAR 12	1504
	(Elev. above sea level) أ	Notice of (GINEEL
- 1	•		Approp					
	dalla Basa diam dimensi		(Under Cha	ipter 287,	Montana S	ession Law	a, 1961)	
_57' 57'	Cobble Rock Clay Gravel	Owner	-Ed-Taboreiq	y	Address	-2007.J.I	ngland	A70
801	Sand Watter	Driller	John Farre	11	Address	Arī	e Mont	;
801		Date of	Notice of Appro	printion of	Groundwa	er	************	************
_818	Water Pea Gravel	Date we	ll started Feb	27. 1964	Date Co	mpleted	largh 5	1964
- 1			well	ed		, drill, rotar;		111
-	•		Use: Domestic (Industrial (_	nicipal [] ainage []	Other { Stock {	_	rigation 🗆
- - -		strata n Show de	dicate on the di net with in drilli opth at which we atrata and heigh	ng, such a ster is enc	s soil, clay, ountered, tl	shale, grav ickness an	vel, rock o d character	r sand, etc.
-		Size of Drilled	Size and Weight of	From (Feet)	To (Feet)	P	ERFORATION	(E
- 1	•	Hole 60	Castus 6" 1897#		81.	Kind Size	From (Feel)	To (Feet)
. - - - -	Pipe 20" Above Groun	d Level						
	Total Pipe 83' 10"	Sta	atia Water Level	for non-flo	owing Well			13fcet.
-		Sh	ut-in Pressure for imping Water Louseharge in gal. p	or Flowing	75° fee	et at	50 gal. 1	per minute.
	w -	- z no	ow TestedBad	Ller_&_C	lompz ne g	of Test.	1_bou	P
 - -			other s	place of u imilar per	se of ground tinent info	packers, todwater if ormation, irigation)	not at we	ll, and any number of
_	Indicate location of well place of use, if possible. Esmall square represents 10 acr	ind ach				••••		
	Show exact depth of bottom.			••••••	Driller	's License	Number	
					Djiller	lm 7.	anell	
	s form to be prepared by driller, an the county in which the well is loca		pies to be filed l	by the own	er with the	County C	lerk and R	ecorder

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the Statz Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

6 ()

STATE ENGINEER

DRILLER'S LOG

gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

or Indicate the character, color, thick-

ness of strate such as soil, clay, sand,

Top of Ground Appendic (Elev. above sea level) 3162

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MC $K_{m,i}$ MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

.Developed after January 1, 1962

	_				 -		•
(Under Chap	der 237	Montana	Session	Laws,	1961,	85	amended)

this form to be prehered by driller .					
by the owner with the County Clerk as which the well is located, last copy to	and three copies to be filed and Recorder in the county in	Press (Feet)	To (Foot)	Gravel, comblestones,	
Please answer all questions. If not appli				boulders With some	<u>_</u> _
oin may be reformed.					
Donald &/or Edna Hae		12		Coarse brown gravel	
Donald 6/or Edna Hae	Eng. Administratorio I la			& cobblestones	
	For Administrator's Use	_34	60	Red sand & gravel.	
Address 309 West View Drive	File 33444 7			Sche Mater	
Missoula, Montana		- 60	- 69	GERARI THOROGER IN	
7.500 000 1, 1.000 000 000 000 000 000 000 000 000 0	4:13/ 0.			tan clay	
		- 69	81	Pine said & gravel.	
Date well started 10/8/64	GW 1 7-2-73			Some sandy water	
		81	85	Clean coarse sand	
completed 10/10/64				and gravel. Water	
Type of well	i				
	bug, driven, bored or drilled)				_
Equipment used Cable Tools					
	(Churn drill, totary or other)				
Water Use: Domestic 🍱 Municipal [7 Stock □ Jestmetion □				
ess. semeste 🖂 monicipal [☐ Stock ☐ Irrigation ☐				
industrial 🏝 Drainage 🗆 C	ther 📑 Garden/Lawn 🗀				
moderner [] Dramage [] C	iner [] Garden/Lawn []				
Describe					

USE: If used for irrigation, industrial,	drainage or other. Explain,				
state number of acres and decation and Addition at a second and Addition at a second acres.	of officer landlock				
and Addition South Missoul	a Addition, 40' Vac-				
gred by crey					
ESTIMATED ANNUAL WITHDRAWAL	6,280,000 gallons				
Size of Size and From T4 Drilled Weight (Feet) (Feet)	PERFORATIONS				
Field of Caring	Kind From To				
6" (61" OD	Kind From To (Feet) (Feet)				
x 1;" +4'3" 65	иоив				
J. 5, 14 5 55				1	
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Pu at	itic water levelft.*				q
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Pu At me	mpigg water level				4
W Pu at me be	mpigg water level 63 ft.* mpigg water level 63 ft.* mpigg water level 63 ft.* manufactured ft.* minutes after pumping gan. Measured from ground level 22 palled by manufactured pool by manufactured ft.*				
W Pu at me be *^M W foi	mping water level ft.* mping water level ft.* page page page page page page page page	"p			,
W Pu at me be *A W/A	mpigg water level				
W Pu at me be *A W/A	mpigg water level				•
W Pu at me be *A W/V for Re	mpigg water level				•
W Pu at me be *^A W W for Po Re	mpigg water level fr.* mpigg water level fr.* mpigg water level fr.* page gallons per minute, makesured minutes after pumping gan. heasured from ground level page all developed by marks: Gravel packing sementing core type of the formation				•
W Pu at me be *A W/A for Re Pa	mpiago water level fr.* mpiago water level fr.* mpiago water level fr.* page gallons per minute, assured minutes after pumping gan. heasured from ground level fr. heasured from ground level fr. marks: Gravel packing ementing chess type of shutoff mough wat bottom of six inoth				•
W Pu at me be *A W W for Po Re Page NE W Sec. 29	mpigg water level fr.* mpigg water level fr.* mpigg water level fr.* page gallons per minute, makesured minutes after pumping gan. heasured from ground level page all developed by marks: Gravel packing sementing core type of the formation				•
Pu at me be *A W/W for Re	mpiago water level fr.* mpiago water level fr.* mpiago water level fr.* page gallons per minute, assured minutes after pumping gan. heasured from ground level fr. heasured from ground level fr. marks: Gravel packing ementing chess type of shutoff mough wat bottom of six inoth				•
NE NE 29 Co	mpigg water level 63 ft.* mpigg water level 63 ft.* gallons per minutes after pumping gan. Measured from ground level 1 per minutes after pumping gan. Measured from ground level 1 per minutes after pumping gan. Measured from ground level 1 per minutes ground level per hours. Gas hours. 35 Mean hours. 35 HP marks: (Gravel packing temping chart from gall into the per final per marks.) Constitute of shutoff through the per hours.				•
NE NE 29 CE T S N R E W WINDICATE LOCATION OF WELL AND	mpigg water level 63 ft.* mpigg water level 63 ft.* page 15 ft.* page 16 ft.* page				•
NE NE 29 CE T S N R E W WINDICATE LOCATION OF WELL AND	mpigg water level 63 ft.* mpigg water level 63 ft.* page 15 ft.* page 16 ft.* page 16 ft.* page 16 ft.* page 16 ft.* page 17 ft.* page				•
NE NE 29 NE NE 29 NE NE Sec 39 T	mpigg water level 63 ft.* mpigg water level 63 ft.* page 15 ft.* page 16 ft.* page 16 ft.* page 16 ft.* page 16 ft.* page 17 ft.* page				•
INDICATE LOCATION OF WELL AND EACH SMALL SQUARE REPRESENTS 40	mpigg water level ft.* mpigg water level ft.* mpigg water level ft.* gallons per minute, assured minutes after pumping gan. Measured from ground level ft. Pump				•
INE NE 29 T. S W INDICATE LOCATION OF WELL AND EACH SMALL SQUARE REPRESENTS 40 Driller's Signature LIBERT DRILL 2500 Represes	mpigg water level ft.* mpigg water level ft.* mpigg water level ft.* gallons per minute, assured minutes after pumping gan. Acasured from ground level ft. Measured from ground level ft. Place of the first pumping ground from ground level ft. Measured from ground level ft. Pumping for hours. Gas hours. By Pumping ground from ground				•
INDICATE LOCATION OF WELL AND EACH SMALL SQUARE REPRESENTS 40 Driller's Signature LIBERT DRILL	mpigg water level ft.* mpigg water level ft.* mpigg water level ft.* gallons per minute, assured minutes after pumping gan. Acasured from ground level ft. Measured from ground level ft. Place of the first pumping ground from ground level ft. Measured from ground level ft. Pumping for hours. Gas hours. By Pumping ground from ground				•
INE NE 29 T. Set 3 & Ca INDICATE LOCATION OF WELL AND EACH SMALL SQUARE REPRESENTS 40 Driller's Signature LIBERT DRILL Driller's Address 2500 Reserve: Missoula, Montana	mpigg water level ft.* mpigg water level ft.* mpigg water level ft.* gallons per minute, assured minutes after pumping gan. Acasured from ground level ft. Measured from ground level ft. Place of the first pumping ground from ground level ft. Measured from ground level ft. Pumping for hours. Gas hours. By Pumping ground from ground		5	Show exact depth of bottom	•

from surface

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under	Chapter	237	Montana	Session	Laws.	1961.	48	amended)

This form to be prepared by driller, and three copies to be filed by the ewner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the

tom may	se Leintued	<u>. </u>				
G1	len A. V	fohl &				
OwnerIC	hanna	7*"A0J7	·············	For Admir	nistrator's U	ie i
Address 28	338. Wes!	Centx	al F	ilo#236.5	32409	5
Kienou	a. Men	tana59	801	Dec. 2/1922	9:050	1001
Date well :	started5,	^15/72		w 1	••••••	
	pleted54		_	·····	······	
Type of we	iiDe411	l-ed	(Du _i	, driven, bored	or drilled)	******
Equipment	used A1x.	.Rotary	/(C	burn drill, rotar	y or other)	1
Water Use:			nicipal 🔲			on 🖳
Indi	etrial 🙀	Drainage	☐ Oil	ier 🛗 🔭	Garden/Law	m 🖳
	arWasi	•	***********	*************	******	
state	number of B) Addition).La	acres and Lock 29 ots33.	location o	ar other de	other. Exte (i.e. Lot,	Black
ESTIMATED	ANNUAL	WITHDRAV	VAL	26,280.	000 gal	ons
Bine of Drilled Hote	Sine and Weight of Casing	(Feet)	To (Feet)	,	ERFORATION	£
Man	on Compa			Kind Sine	From (Foot)	To (Feet)
8"		o	34	Torch	"""	(2 3)
6"	6∮" OD		-	cut 3	Į.	
_	X 3."	+212"	72	5/32		
				slots	65'\"	69'1"
Blank to						
solidly	welded	on bot	ton eo	tends		721
	N					
SE	LL SQUAR	OF WELL	Pum at 4 mea beg *Me Wel for Pow Rerr paci ent	ping water sured 180. asured from l developed larks: (Grav ters, type of suring	Pump; rel packing, if shutoff; vellth ingsin fellsin pedeper ISE, IF POS PANY	in fi. ber minute er pumpin evel. LiftPu comenting All-wat cough this in this this Sible.
Missoul	ddress2	500 Res		treet		

DRILLER'S LOG

5 1772

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show

IT OF Macepith at which water is found and

a height to which water rises in well.

Į	Free (Feet)	(Feet)	Approxime. above sea level) 217
H		2	
	0	17	Fill
Ĺ	-17		-Cand-and-avanal-s-Lu-
L			Sand and gravel mixe with clay
ŀ	-52	65	-Fine-sand-and-sravel
۲	-65	72	Clean coasse sand an
r			-grovel's-Water
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ŀ			شخه ش سه ۱۹۰۰ شهری ها ده شهری بید بی در پی بید
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72 ft. Show exact depth of bottom Water rises in well 33 feet from surface. 51,143

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I received and tiled the Instrument reserved as the Land of the CALIFIA.

C CLUSS of the Land of the CALIFIA.

Milescale County Store of Meetiers Witness my alone
Varmone R. Crease, County Received by County Store County Received.

upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 percent of the tested capacity of the aquifer.

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	G Helena Independent Record	&: 43 ,				٠٠,	◆ ?
-	File No	•	T	13	R	19	
	DUPLICATE		Cor	unty	Mis	soula	
		STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER	l	U o	CE CT 2	3 1963	
	1	Occlaration of Vested Groundwater Right (Under Chapter 237, Montana Session Laws, 1961)	ls (STAT	E E	1461141	EER

Pallip A. Bakhe	of 2602 Mount Ave Missouls (Address) (Town)
(Name of Appropriator)	(Address) (Town)
County of Misseria	ording to the Montana laws in effect prior to January 1, 1962, as i
lows:	And the second season of the first of the second of the se
"	2. The beneficial use on which the claim is based
 	3. Date or approximate date of earliest beneficial use; and how o
	tinuous the use has been hame loth occasionally until Harch of 1055; them
Y :	constantly.
 - - - - - - 	4. The amount of groundwater claimed (in miner's inches or galle
	per minute)
 - - - - - - 	
<u></u>	If used for irrigation, give the acreage and description of lands to which water has been applied and name of the ow
4NE Sec 30 T 13 R 19	thereof 1 acre - Lot 32.Sec. 30. Blk 13.
· = ·	Melba D. Bakke
icate point of appropriation place of use, if possible.	6. The means of withdrawing such water from the ground and
h small square represents 10	location of each well or other means of withdrawal
••	
The date of commencement and condrawal of groundwater	npletion of the construction of the well, wells, or other works for w
The date of commencement and condrawal of groundwater	npletion of the construction of the well, wells, or other works for w About March of 1954. 10? free 8.1. pe, size and depth of each well or the general specifications of
The date of commencement and condrawal of groundwater	npletion of the construction of the well, wells, or other works for we about March of 1951. [6] from 8.5.
The date of commencement and condrawal of groundwater The depth of water table Approx. J So far as it may be available, the ty other works for the withdrawal of g	npletion of the construction of the well, wells, or other works for we about March of 1951. [6] from 8.1. pe, size and depth of each well or the general specifications of groundwater \$8.2.3. seemless 19.15 cooling payments.
The date of commencement and condrawal of groundwater The depth of water table Approx. J So far as it may be available, the ty other works for the withdrawal of g	npletion of the construction of the well, wells, or other works for we about March of 1954. 10? from 8.1. 10. pe, size and depth of each well or the general specifications of a groundwater.
The date of commencement and condrawal of groundwater The depth of water table Apparer. 3 So far as it may be available, the ty other works for the withdrawal of groundwater The estimated amount of groundwatere acre The log of formations encountered it	npletion of the construction of the well, wells, or other works for we about March of 1951. 10? From S. L. 10. Steen S. L. 10. Steen S. L. 10. Steen S. L. 10. Steen S. L. 11. Steen S. L. 12. Steen S. L. 13. Steen S. L. 14. Steen S. L. 15. Steen S. L. 16. Steen S. L.
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The date of commencement and condrawal of groundwater The depth of water table Approx. 3 So far as it may be available, the ty other works for the withdrawal of g	npletion of the construction of the well, wells, or other works for we About March of 1951. 10? from S.L. pe, size and depth of each well or the general specifications of groundwater S. S.D. seculose 19-15 cocing payment there withdrawn each year household use and irrigation in the drilling of each well if available Glay A gravel to approx. nature as may be useful in carrying out the policy of this act, include younty record
The date of commencement and condrawal of groundwater The depth of water table Apparer. 3 So far as it may be available, the ty other works for the withdrawal of groundwater acre. The estimated amount of groundwater acre. The log of formations encountered in apparer. 30% cent. 2 gravel. 20 to 75.* Such other information of a similar	npletion of the construction of the well, wells, or other works for we About March of 1951. 10? from S.L. pe, size and depth of each well or the general specifications of groundwater S. S.D. seculose 19-15 cocing payment there withdrawn each year household use and irrigation in the drilling of each well if available Glay A gravel to approx. nature as may be useful in carrying out the policy of this act, include younty record
The date of commencement and condrawal of groundwater The depth of water table Approx. 3 So far as it may be available, the ty other works for the withdrawal of g	npletion of the construction of the well, wells, or other works for we about March of 1954. 10? From S.L. 10. From S.L. 11. From S.L. 12. From S.L. 13. From S.L. 14. From S.L. 15. From S.L. 16. From S.L. 16. From S.L. 17. From S.L. 18. From S.L. 18. From S.L. 18. From S.L. 19.
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Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

DATA SALAN

212062

I sectived and filled this instrument for record on the day of Oct 1963 at Common cleck M., permanent files of Missoula County, State of Montana Witness my hand:
Witness my hand:
WHITIN S. BEHNER, County Recorder
By County Security Recorder
By Fold Paid

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ġw.		Appro	wed Stock FormState Publi	ahing Co., Helena, Montana 42234
mi. 37.				134, 196
File No		: A `		County Phinage
DUPLICATE	21	STATE OF MON		County Macadocka
	ADMIN	DIRIN OF MON		
		FFICE OF STATE		7h/ "" " " " " " " " " " " " " " " " " "
	Daalaustas	of Verial C		M JAN 2 1964
	Declaration	of Vested G	roundwater	STATE ENGINEER
				プロマ
J.E.B.	er Punare-	Estat.	mine	RR3
	Name of Appropriator	·)	(Address)	(Town)
County of	d groundwater accord	ding to the Montens	of Marin effect prior	to January 1, 1962, as follows:
mate appirohime	n Stommann avoi	ding to one montana	iana in circos prior	w dandary 1, 1002, as 1010/18.
	1/29			in is based
			appl	y veryation
	·	3. Date or appro	ximate date of earlie	st beneficial use; and how continu
		ous the use ha	s been 1903	- Continuace
v 	E			,20,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		6. The amount of	riele retembrungen de	med (in miner's inches or gallons
		***************************************		porhous
		5. If used for in	rigation, give the ac	reage and description of the lands
AVI	DOFNECOME	to which wat	er has been applied	l and name of the owner thereof
<u>¼ 8∞30</u>	132 19		San Callander	and home
Indicate point of	. •	***************************************		
and place of use, if	possible. Each	6 The meens of	withdrawing such w	ater from the ground and the loca-
small square repres	sents 10 acres.		-	withdrawal Eq. 7
		Jenny	- Hame	-te
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		.pr/http://www.apaper/http://www.processor.processor.processor.processor.processor.processor.processor.processor.pr
7. The date of	commencement and co	mpletion of the const	ruction of the well	, wells, or other works for with
drawar or Rro	(2) 1959			
2 The death of v	rotan table 8-1	2 deal - A	04444	variation
		,		
				general specifications of any other
WOLAS TOL MIC	ATTRICTED AST OF STORES	(2) saulle	Q-3, LPPL	-phicotain 40
*************************	,,	,,,-,,-,-,,-,-,,-,-,-,-,		
*********************	***************************************	,,-,+	·····	***************************************
10. The estimated	amount of grounders	tar withdrawn each w	man 500 as a -	
				<del></del>
	ngomet			
***************************************	<i>F</i>		***************************************	***************************************
				at the policy of this act, including
				**************************************
***********************	***************************************			
	·		A FIS	udmore-Executor
		Sign	nature of Owner	enderge-Executor to to THEBeardner when 31,1963
			Dat	Alex 31, 1963

Three copies to be filed by the owner with the County Clerk and Becorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 17718 940 2154 13

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GW 2			Approved	Stock Form-S				
File, No	***************************************				T	13 N	R 19 W.	750
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314	Top of Ground		O: VINITALE	TRATOR (	T GWOOT	いんんかげいか	מעטט	_ (נוי
Pit	(Elev. above sea level 3223		Notice of	Comple	etion o	f Grou	0V 301	
		<b>-</b>	Approp	riation	by Me	and Ad	EWAIG	INEER
- 4	Gravel		<del>-</del>	apter 237.				
- ,	A	Owner	Mary Ann B	rard,	Addres	1709		
		Driller	Donald K. Ber	ard,	Addres	MISSOULI S	A, Monta	
	Boulder 251	Date of	f Notice of Appr	priation of	Groundwa	ter	******	
-	Water level		rell started	•				
			f well <b>Driven</b>	************				
-	Gravel & Clay	(dug, drill	driven, bored or ed)		other)	, drill, rotar	y or	
-	Sand	Water	Use: Domestic Industrial		nicipal	Other   Stock		rigation 🔲
-	Sand, Gravel & Clay	strata Show	ndicate on the c met with in dril depth at which v g strata and hei	ing, such a ater is enc	s soil, clay, ountered, t	shale, grav hickness an	vel, rock o d characte	r sand, etc.
-	·	Size of Drilled	Size and Weight of	Froni (Feet)	To (Feet)		ERFORATIO!	15
<b> </b>	Sand, Gravel & Water	Hole	Casing		'	Kind Size	From (Feet)	To (Feet)
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						Slotte		
	the second					1/8"tô) 1%:	591	671
				<u></u>	<u> </u>	<u> </u>		<u></u>
<u> </u>	N		static Water Leve	l for non-fl	owing Well		25	feet.
-		s	hut-in Pressure	for Flowin	g Well	***************************************		******************
		P	umping Water L	evel	fe	et at	gal.	per minute.
Ŀ		i I	Discharge in gal. er minute	per min. of	flowing w	ell In exc	essof2	anoiles.C
-	"	E P	Iow TestedA	r lift	Leng	th of Test		purs
		1	Remarks: (Grave	l packing,	cementing,	packers, t	ype of sh	utoff, loca-
·  -								ll, and any number of
	SE 44 20 =13h	1 _ 10W	acres 1	rrigated, ir	used for it	ragation)	***************	•••••••••••
F	SE 1/4 Sec 30 T13h  Indicate location of we	ell and	***********		**********		****************	•••••••
	place of use, if possible	. Each						
-	place of use, if possible small square represents 1 ot 6, Block 2, Alff	0 acres. Add. to Missoula.					· · · · · · · · · · · · · · · · · · ·	
	small square represents 1	0 acres. Add. to Missoula.			Drille	r's License	Numher	
	small square represents 1 6, Block 2, Alff	0 acres. Add. to Missoula.	•		Drille	r's License	Number	0

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

\$1461

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

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Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

OUPLICATE	County Missoula	
MINATA	STATE OF MONTANA	
ADMINE	ETRATOR OF GROUNDWATER CODE	
OF	FFICE OF STATE ENGINEER	151
		' ii I
Declaration (	of Vested Groundwater Rights AN 8	
(Under Ch	hapter 237, Montana Session Laws, 1961) STATE ENGINE	FR
(Name of Appropriator)	JER , of 2009, 26 th f. Misson	<i></i>
County of MISSOULA	State of MONTANA	
have appropriated groundwater accordi	State of 10NTANA ling to the Montana laws in effect prior to January 1, 1962, as fol	lows
N		
	2. The beneficial use on which the claim is based. Do mestic	
	3. Date or approximate date of earliest beneficial use; and how	
	continuous use Since that de	
	CONTINUOUS USE TIME THAT AC	<b>2.7</b> ⊆
	4. The amount of groundwater claimed (in miner's inches or	
X	per minute) 1500 gallons per hour	
	5. If used for irrigation, give the acreage and description of the corner	e lan
	to which water has been applied and name of the owner	- 1
_ I.		
55 1/554 Sec. 30 T/3N B/9W		
SE145E4 Sec. 30 T/3N B/9W		••••••
Indicate point of appropriation and place of use, if possible, Each	6. The means of withdrawing such water from the ground and	he lo
Indicate point of appropriation	6. The means of withdrawing such water from the ground and tion of each well or other means of withdrawal and such	-1.1
Indicate point of appropriation and place of use, if possible, Each	tion of each well or other means of withdrawal. Q. 15	-1.1
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Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.	tion of each well or other means of withdrawal one was function of electric motor surface by an electric	-1.4 -
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7. The date of commencement and cordrawal of groundwater	tion of each well or other means of withdrawal one was function of the construction of the well, wells, or other works for the surface to the top of water table - stype, size and depth of each well or the general specifications of a vater B drilled well with a 5" COS	or wi
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Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

ON -	Approved Stock Form—State Publishing Co., Helena, Montana—42234
File No	T 3 PR /92
DUPLICATE	County Maly
	ATE OF MONTANA
	OF STATE ENGINEER
_	JAN 3 1954/
	ested Groundwater Rights
(Under Chapter	237, Montana Session Laws, 1961) SIAIL ENGINEER
allet Par Petini MB	in a 3126 lourain Re Missaul
(Name of Appropriator)	(Addis) (Town)
County of Musaulan according to	State of Sta
mage appropriated Stoundwater, scoroning to	and accommand in the circuit prior to wantedly a, asset, as mesows:
2.	The beneficial use on which the claim is based
	Househeld use a lawn errigating
8.	Date or approximate date of earliest beneficial use; and how continu-
	ous the use has been
*	
	The amount of groundwater claimed (in miner's inches or gallons
	per minute) //2 gal Min
····	<b>I</b>
5.	If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
917 may	1/2
IN WINSOC TO THE BUT	
Indicate point of appropriation and place of use, if possible. Each	The means of withdrawing such water from the ground and the loss-
	tion of each well or other means of withdrawal
	Electric Sund
7. The date of commencement and completion	n of the construction of the well, wells, or other works for with-
	in the construction of the went, while, or other works for while
8. The depth of water table 5	
9. So far as it may be available, the type, si	ise and depth of each well or the general specifications of any other
works for the withdrawal of groundwater	
g Caring	
10. The estimated amount of groundwater with	drawn each year 360, 000
	•
	rilling of each well if available
ma average	
19 Such other information of a similar variance	as may be useful in carrying out the policy of this act, including
reference to look and page of any county r	
130ck 191	Vane 194
	on De
	Signature of Owner albert P. Bisson
	Data 2/ 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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TRIPLICATE

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ice	of	Col	nple	tion	of	Gr	DUI	dwa	) I <b>fe</b> i	r

Top of Ground	JU
(Eler. above sea level)	Notice of Completion of Gro
	Appropriation by MaTATE

**DENGIN**EER (Under Chapter 237, Montana Segion Laws, 1961) 0 to 1' Top soil Berefeld

Owner Charter to 4" Eandy Clay 4' to 15' Clay & gravel Drille-Blann Comp 705 Alder Mesoule, Mont

Date of Notice of Appropriation of Groundwater. 15' to 38' 5mmd 3/29/65 Date well started 26/68 Date Completed 3A! to 5G! Sund &

Churn crill Type of well Or11186 Equipment Used graval (dug, driven, bered or drilled) (Churn, drill, retary or other) 50' to 53' Gravel & water

Water Use: Domestie 🗖 Municipal [] Other 🔲 Irrigation [ 53' to 59' Clay Industrial [ Drainage [ Stock 🔲

> Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of waterbearing strata and height to which water rises in the well.

Not of Drilled	Sine and Weight of	From (Fost)	To (Foot)		ERPORATION	•
3 °	gu J.D. 14 lbs to	11 abo	ve G.L,	Eind Sine	From Grade	To Charle

um.1/2.mm Bec.Ja., T...(A. B.4.J., Indicate location of well and

Show exact depth of bottom.

Static Water Level for nou-flowing Weil..... Shut-in Pressure for Flowing Well.. Pumping Watterbert ... Compressiert 65 G. 4. 14. 1. gal. per minute.

Discharge in gal. per min. of flowing well. Compresser & How Tested ..... Beat of Test.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) ......

Driller's Signature

place of use, if possible. Each small square represents 10 acres. Licence #7

Driller's License Number

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of 39178 Mines and Geology and Quadruplicate for the Appropriator.

I received and filed this Instrument for record on the day of Land 19.65 at 10.30 o'clock of Mermanent files of Missoula County, State of Montana Witness my hand:

Veramae R. Crouse Sounty Recorder By Sould Sound Sou

-Helens Independent Record	
File No	T /3"R 19 W
	STATE OF MONTANA TRATOR OF GROUNDWATER CODE  DECENVE
Neclaratio	n of Vested Groundwater Rights
	apter 237, Montana Session Laws, 1961) STATE ENGLISER
1 John A Draft (Name of Appropriator)	of 2638 oak St W Missoula (Address) (Town)
County of	ording to the Montana laws in effect prior to January 1, 1962, as fol-
N	2. The beneficial use on which the claim is based on Family
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1958
W	•
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
8	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner
Indicate point of appropriation	thereof /2 acre, Jats 8 and 9, al/ addition Block greation 30, Township 13 B19 W
and place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
7. The date of commencement and co	mpletion of the construction of the well, wells, or other works for with-
8. The depth of water table 30.1	•
other works for the withdrawal of	ype, size and depth of each well or the general specifications of any groundwater
Lineh	Drilled Will 71 drep
10. The estimated amount of groundw	ater withdrawn each year \$25,000 Galo
11. The log of formations encountered  Dist; Grand; 9-29' San  Tan Clay; 34-16' Sand; Sand; 57-78. Class Course	in the drilling of each well if available 2-3' Dant 5' Grand 3-9' mel. Bouldure, Cabble atoms, 29:34' Grand ambardad in 46-51' Clay with few Southerd Grand ambardad; 51-67' Clay Cancer Grand 5-61'
12. Such other information of a similar reference to book and page of any	r nature as may be useful in carrying out the policy of this act, including county record
***************************************	
	Signature of Owner John A Bradley Date 12-21-63
	Date /2 - 28 - 63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

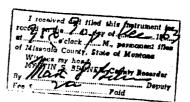
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

2/5080

record on the format of the information in the record on the formation of Missoulis County, Stoke of Mericans Wippes my hoad, formation of the first S. Bennis County Resorder By first S. Bennis County Resorder By Fail S. Bennis County Resorder By Fail S. Bennis County Resorder By Fail

G/	Approved Stock Form—State Publishing Co., Helena, Montana—42234
File No	T 13" R 19 W
DUPLICATE	county Missoula
	STATE OF MONTANA
	INSTRATOR OF GROUNDWATER CODE
	JAN 3 1984
Declaration	of Vested Groundwater Rights Chapter 237, Montana Session Laws, 1961)
(Under (	Chapter 237, Montana Session Laws, 1961)
n n. 13	C. S. O. D. M.
(Name of Appropriator	h of Spurgin Pood Missoula. (Town)
County of Masoula	ding to the Montana laws in effect prior to January 1, 1962, as follows:
nave appropriated groundwater accor	umg to the montana laws in effect prior to January 1, 1902, as follows:
	2. The beneficial use on which the claim is based House
	2. The beneficial use on which the claim is based Handly
	3. Date or approximate date of earliest beneficial use; and how continu-
	ous the use has been / 9 45
W	
	4. The amount of groundwater claimed (in miner's inches or gallons
	per minute) afficy D. 25'
	<ol><li>If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof</li></ol>
たけるかれた "	Laura and garden:
4 Sec 3.0. T.1.3. R.(9.	Laws and garden:
Indicate point of appropriation and place of use, if possible. Each	·
small square represents 10 acres.	6. The means of withdrawing such water from the ground and the loca- tion of each well or other means of withdrawal
	and marker a blacking themes
	in taxensus of toute.
7. The date of commencement and or	empletion of the construction of the well, wells, or other works for with-
***************************************	***************************************
8. The depth of water table	- FR - (atind level)
works for the withdrawal of ground	type, size and depth of each well or the general specifications of any other water 2012
down 75. P	
••••••	***************************************
	······································
10. The estimated amount of groundwa	ter withdrawn each year
11. The log of formations encountered i	in the drilling of each well if available
notarrila	<u>OL</u>
***************************************	
12. Such other information of a simila	r nature as may be useful in earrying out the policy of this act, including
reference to book and page of any	county record No additional
	mation available
	· · · · · · · · · · · · · · · · · · ·
,	Signature of Owner Norman M. Busch.
	Date Date 3 0 19 6 3
Three copies to be filed by the owner wit	th the County Clerk and Recorder of the county in which the well is located.
•	
Please answer all questions. If not appl	licable, so state, otherwise the form will be returned.
	rder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for	or the Appropriator.

1.1 819



e No	Millerial Control Resolution and an	State Publishing Co., Helena, Montana—423.
.0 210	RECEIVED	T 13 N R 19 W 30
LOG	ADMINISTRATOR OF	F MONTANA F GROUNDWATER CODE
Top of Ground	errores .	TATE ENGINEER
(Elev. above sea level a a a a a a a a a a a a a a a a a a a	Appropriation DEVELOPED AFT	tion of Groundwater by Means of Well ER JANUARY 1, 1962
	(Under Chapter 237, M	Contana Session Laws, 1961)
0 - 21 top soil	Owner Frenk Gash	AddressSurent In. Missoula
	Driller Ravels Ke Pietr	Address 3524 Sea Avec Misseula
-	Date of Notice of appropri 💪 of g	groundwater
Level series from	Date well started	Date completed. NAMET.
A send	Type of well drilled	Equipment used.
-	(Dug, Driven, bored or drilled) Water use: Domestic Man	(Churn drill, rotary or other) cipal ☐ Stock ☐ Irrigation ☐
21 • 35 sand & mater	Industrial 🔲 Drai	inage Other D
WI'M ON MAIN OF SHIPPER	met with in drilling, such as soil, cla	cacter and thickness of the different strats ay, shale, gravel, rock or sand, etc. Show , thickness and character of water-bearing
<b>.</b> [	strata and height to which the water	
	Size of Size and From Drilled Weight (Feet)	TU PERFORATIONS
	rel Binch Sine Tobe 0	62 Kind Five To (Foot)
* mags	per fte	2000
- 45 4 40 gof alay no nat	herr	
	N Sta	atic Water Level for non-flowing wel
	GI.	18.23 Sree togfeet ut-in Pressure for Flowing Well
- 67 sand small grat	Pu	mping Water Levell Et Level to fee
- 1	w	atgal. per minute.
.	Di	scharge in gal. per min. of flowing wel
- 57 - 68 grayel & water	Ho	w Testedesapresser
	Le Le	ngth of Test
	Lot 22	marks: (Gravel packing, cementing, pack s, type of shutoff)
- Doc. No. 29257	Indicate location of well and	······································
Filed for record	place of use, if possible. Each small square represents 40	
- this, at	acres	
o'clock_P_Ma		(Continue on reverse side
		strial, drainage or other. Explain, stat or other data (i.e.: Lot, Block and Addi
.		
Show exact depth of bottom.	***************************************	***************************************
68 fte from top of ground	l	
· · · · · · · · · · · · · · · · · · ·		

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Hould V. Pickers

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Energy and the Co.

McNulty STATE OF MONTANA  Morion ADMINISTRATOR OF GROUNDWATER CODE  Sufficient OF STATE ENGINEER  Notice of Completion of Groundwater  Appropriation by Means of Well  DEVELOPED AFTER JANUARY 1, 1962  (Under Chapter 237, Montana Session Laws, 1961)  The	ion [
Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962 (Under Chapter 237, Montana Session Laws, 1961)  The Chapter 237, Montana Session Laws, 1961  The Chapter 237, Montana Session Laws, 1961)  The Chapter 2	ion [
Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962  (Under Chapter 237, Montana Session Laws, 1961)  The Chapter	ion [
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Industrial Drainage Other Church Indicate on the diagram the character and thickness of the different with in drilling, such as soil, clay, shale, gravel, rock or sand, etc.  pth at which water is encountered, thickness and character of water.	<b>sh</b> nt sti
t with in drilling, such as soil, clay, shale, gravel, rock or sand, etc pth at which water is encountered, thickness and character of water	
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Size of Size and Prom To manual states	
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Gu Gu D 21 at ove stee (Feet)	(Feet)
atr. to at. Mail	
17# to ft	
N Static Water Level for non-flowi	ine
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Shut-in Pressure for Flowing Well	
Pumping Water Level	
Discharge in gal. per min. of flow	nng '
How Tested Compresser & Bal	ler
Length of Test. 2 hours	•
Remarks: (Gravel packing, cementing	
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dicate location of well andaccording to the second use, if possible, Each	
nall square represents 40	
	••••••
(Continue on reve	erse s
SE_If used for irrigation, industrial, drainage or other. Expla	
tion).	au A
	*******
t t	Static Water Level for non-flow  Static Water Level for non-flow  Shut-in Pressure for Flowing Well.  Pumping Water Level.  Sec. 32. T.1.3. R.1.  Remarks: (Gravel packing, cementi ers, type of shutoff).  Remarks: (Gravel packing, cementi ers, type of shutoff).  (Continue on revel and cestion of acres and location or other data (i.e.: Lot, Block and number of acres and location or other data (i.e.: Lot, Block and case).

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· ·	Approved Stock FormState Publishing Co., Helens, Montans-2234  T /3 / R / F L
File No	T
DUPLICATE	County Wheneste
Jarochy Sadon Coopell	DMINISTRATOR OF GROUNDWATER CODE  OFFICE OF STATE ENGINEER  JAN 3 1963  tion of Vested Groundwater Rights  nder Chapter 237, Montana Session Laws, 1961)
1 Clist or Lorathis	Manuel Copiel, of 2935 7th Measure priator) (Address) (Town)
County of Description have appropriated groundwater	secording to the Montana laws in effect prior to January 1, 1962, as follows:
N	
	2. The beneficial use on which the claim is based
	Sometie & Augation
	3. Date or approximate date of earliest beneficial use; and how continu-
	ous the use has been 1945 Cantasusus
<b>*</b>	- !
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
£ 20 to \$ 18 18	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Indicate point of appropriation	Clin Londonsthy Hadene Cogdell.
and place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing such water from the ground and the loca-
sman square represents to acres.	tion of each well or other means of withdrawal
	Deep Well Pump 4: Pipe
drawal of groundwater	and completion of the construction of the well, well, or other works for with-
8. The depth of water table	6-5ft:
9. So far as it may be available works for the withdrawal of g	e, the type, size and depth of each well or the general specifications of any other moundwater
***************************************	
10. The estimated amount of ground	undwater withdrawn each year 200,000 gal
	tered in the drilling of each well if available.
2-99-/22-0- 2200/	
12. Such other information of a reference to book and page of	similar nature as may be useful in carrying out the policy of this act, including any county record.
***************************************	
	Signature of Owner forthy Nader Condi
•	Morally Nader Coyde

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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I received and filed this inguity including the policy of the policy of the process of the proce

•	Approved Stock Form—State Publishing Co., Releas, Montana—42234
File No	T /3 N B /9 N
DUPLICATE	County Microsoft
	STATE OF MONTANA
	ADMINISTRATOR OF GROUNDWATER GODE
	OFFICE OF STATE ENGINEER  OFFICE OF STATE ENGINEER  Declaration of Verted Groundwater Dichts  JAN 3 1963
ĺ	
•	(Under Chapter 237, Montana Somion Laws, 1961) STATE ENGINEER
O. 1	• •
Che La Math	cogdill of S. W. Con 74 C Niberta Messella  (Address) (Town)  (Address) (Town)
(Nam	s of Appropriator) (Address) (Town)
bave appropriated a	roundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
N	
×	2. The beneficial use on which the claim is based
	Mensetio and integation
	8. Date or approximate date of earliest beneficial use; and how continu-
<b> </b>	ons the use bas been 1900 - "cultureacea"
*	
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
	5. If used for irrigation, give the servesse and description of the lands
# # # # # # # # # # # # # # # # # # #	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
	3 8 19 2 acres on land 76: 14 714 See 30 713- R19.
Indicate point of ap	Clan L Chin dall TV N. An Alban CASE L CASSIN
and place of use, if pos small square represent	rible. Each
	tion of each wall or other means af-withdrawal
	Trop Well Lump of an pipe.
7. The date of com	mencement and completion of the construction of the well, wells, or other works for with-
8. The depth of water	r table 65 ft.
	•
works for the with	be available, the type, size and depth of each well or the general specifications of any other drawal of groundwater.
veep	drawal of groundwater  U4HP: 654 —
***************************************	
200 174000 18 <b>00</b> 0 Mbaqos 180 002 100 1	
10. The estimated am	ount of groundwater withdrawn each year 400,000
	ions encountered in the drilling of each well if available
	lately experied.
***************************************	
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	ation of a similar nature as may be useful in earrying out the policy of this act, including
5	and page of any county record
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	14.14
	Signature of Owner Morelly Cadria Condill
	Date 12.130/10-10
Three copies to be filed	by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

I received con filed this followment for record outlies of the following for the file of Misecula County, State of Montane Wishing a part head for the following for the file of Misecular following for the file of Misecular following for the file of the file

W.	Approved Stock Form-State Publishing Co., Helena, Montana-12234
File No	T 13 R 19
DUPLI	CATE County
	Declaration of Vested Groundwater Rights  OFFICE OF STATE ENGINEER  Under Chapter 237, Montana Session Laws, 1961)
1	
1.Q'=	(Name of Appropriator)  (Name of Appropriator)  (Name of Appropriator)  (Address)  (Town)  A suppossible groundwater seconding to the Montana laws in effect prior to January 1, 1962, as follows:
have	appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
	2. The beneficial use on which the claim is based household wrightion
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1959 Coustant
w	E
	4. The amount of groundwater claimed (in miner's inches or gallons per minute) five gallons for minute
	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
	Sec. T. R. SCC. 30 TWP 13 N. R. N. P. M. S. T. M.P.M.
and pl	te point of appropriation ace of use, if possible. Each square represents 10 acres.  6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal C. I.C. C. T. I.C. PUMP VETTA II'S LOT #125 SEC 30 TWP 13 II. RIGE IS W. M.R.M.
7. di	The date of commencement and completion of the construction of the well, wells, or other works for with-rawal of groundwater
8 m	he depth of water table 35 feet
9. S	o far as it may be available, the type, size and depth of each well or the general specifications of any other orks for the withdrawal of groundwater 5 inch brillad coxing lifty file.
10. T	he estimated amount of groundwater withdrawn each year 255, 600
11. T	the log of formations encountered in the drilling of each well if available not available.
	uch other information of a similar nature as may be useful in carrying out the policy of this act, including afference to book and page of any county record.
. <b></b>	0 11 0 1:1h
	Signature of Owner Sussell Carlifle  Date Dec 31 - 1963
Three	copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please	e answer all questions. If not applicable, so state, otherwise the form will be returned.

record of the formula to the record of the file of the

ile No			Аррго	ved Stock Form	—State Publishi T.	ns Co., Helena,		30
UPLIC	CATE		Adminis	STATE TRATOR (		ANAD	_	VEM
	Top of Ground				STATE E	NGINEER		رااي
-	(Elev. above sea level	, I	Notice of	Compl	etion c	f Grou	MAY 19 I <b>ndwat</b>	1965 — <b>er</b>
-	. ,		Approp					
0			(Under Ch	-				
401	Clay & Gravel		Helen J. a					
401	,	Owner	George Deck	amps.	Addres	s404.S	OUTD AY	
72'	Heaving Sand & Water	Driller	John Farre	97	Addres	Arloo	*********	
721		Date of	Notice of Appro	priation of	Groundwa	ter		
73'	Coarse Gravel & Water	Date we	ell started Key 7	1965	Date Co	mpleted.	<b>vy</b> 12 19	65
-			well Drilled					411
-		drilled	driven, bored or d)		(Churn other)	, drill, rotar	y or	
_		Water 1	Use: Domestic™		nicipal 🔲	Other	☐ Im	rigation [
_			Industrial	Dr	ainage 🗌	Stock		
			dicate on the d					
_			net with in drilli epth at which w					
		bearing	strata and heig	ht to whiel	water rise	es in the w	ell.	
_	· <del></del>	Size of	Size and	From	To	<del></del>	PERFORATION	
		Drilled	Weight of			. 3	THE RELIEF TO STREET,	13
' i		Hole	Casing	(Feet)	(Feet)	Kind	From	To
-		5 ⁿ		0	(Feet) 73 [‡]			To (Feel)
-			Casing			Kind	From	
- -			Casing			Kind	From	
- •			Casing			Kind	From	
-			Casing			Kind	From	
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-	N V	5n Sta Sh	Casing (5" 14½ #) atic Water Level	for non-flo	73°  Dwing Well	Kind Size	From (Feel)	(Feet)
-		Sta Sh Pu	Casing (5" 14½ #) atic Water Level aut-in Pressure f	for non-flo	73°  owing Well	Kind Size	From (Feet)	32 feet
-		5" Sta	Casing (5" 14½ #) atic Water Level aut-in Pressure f	for non-fle for Flowing vel	73°  owing Well	Kind Size	From (Feet)	32 feet
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	¥.	5n Sta	casing (5" 14½ #)  atic Water Level aut-in Pressure f amping Water Le ischarge in gal. p ow Tested	for non-fle or Flowing vel	73°  owing Well	stind Size	From (Feet)  50 gal.  1 Hour  type of sh not at we	per minute
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	w	5n Sta	atic Water Level aut-in Pressure f amping Water Le ischarge in gal. I ow Tested	for non-fle for Flowing vel	73°  owing Well	et atth of Test packers, andwater if ormation,	50 gal.  1 Hour type of sh not at we including	per minute
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	SENAE Sec. A. T. A. R. Indicate location of well a	Sta Sh Pu Di Re	atic Water Level aut-in Pressure f amping Water Le ischarge in gal. I ow Tested	for non-fle for Flowing vel	73°  owing Well	et atth of Test packers, indwater if ormation, rigation)	50 gal.  1 Hour type of sh not at we including	per minute
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73'	SENAE Sec. T. R. Indicate location of well a place of use, if possible. Essmall square represents 10 acr	Sta Sh Pu Di Re	atic Water Level aut-in Pressure f amping Water Le ischarge in gal. I ow Tested	for non-fle for Flowing vel	73°  owing Well	et atth of Test packers, indwater if ormation, rigation)	50 gal.  1 Hour type of sh not at we including	ger minute
73'	SENAE Sec. P. T. R. Indicate location of well a place of use, if possible. Ea	Sta Sh Pu Di Re	atic Water Level aut-in Pressure f amping Water Le ischarge in gal. I ow Tested	for non-fle for Flowing vel	73°  owing Well.  60 fee  flowing we  Leng  cementing, se of grountinent info	th of Test packers, indwater if ormation, rigation) bove Gro	From (Feet)  50 gal.  1 Hour type of sh not at we including	ger minute  utoff, loca il, and any number o
73'	SENAE Sec. T. R. Indicate location of well a place of use, if possible. Essmall square represents 10 acr	Sta Sh Pu Di Re	atic Water Level aut-in Pressure f amping Water Le ischarge in gal. I ow Tested	for non-fle for Flowing vel	73°  owing Well.  60 fee  flowing we  Leng  cementing, se of grountinent info	th of Test packers, indwater if ormation, rigation) bove Gro	50 gal.  1 Hour type of sh not at we including	ger minute  utoff, loca il, and any number o
730	SENAE Sec. T. R. Indicate location of well a place of use, if possible. Essmall square represents 10 acr	Sta Sh Pu Di Re	atic Water Level aut-in Pressure f amping Water Le ischarge in gal. I ow Tested	for non-fle for Flowing vel	73°  Owing Well.  Well.  60 fee  flowing we  cementing, se of grountinent info	th of Test packers, indwater if ormation, rigation) bove Gro	50 gal.  1 Hour type of sh not at we including	ger minute  utoff, loca il, and any number o

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

V 2		TE WATER CONSERVATION BOA	Parm—State Publishins Co., Helena, Momana—45642 RD T. 13N R. 19W
le No	**************	MAR 🛂 1957	, , , , , , , , , , , , , , , , , , , ,
JPLICATE	<b>B</b> i	McDarmott	County Missoula
	FOG 6:	ADMINISTRAT	OR OF GROUNDWATER CODE
Top of	Ground Approxe	alation Sum an OFFICE	OF STATE ENGINEER
(Elev. a	bove sea level 32001	$\dots \rangle$ Notice of Com	npletion of Groundwater
Format	ions Log:		on by Means of Well D AFTER JANUARY 1, 1962
-   0 -	2 Dirt & gravel.		237, Montana Session Laws, 1961)
2 - 2	6 Gravel &	Thelma A. &/or	Address Missoula, Montana
- [	cobblestones imbedded in	•	
26 - 3	gray clay. 4 Gravel mixed		IS Co. Address Missoula, Montana
- 34 - 6	in tan clay.		n of groundwater.None
_	4 fine gray san	d Date well started8/.29/.65	Date completed 8/31/65
- 64 - 7		Type of well <b>Driven</b> (Dug, driven, bored or	Equipment used A1x HARMER (Churn drill, rotary or oth
-	& gravel.	Water use: Domestic	Municipal Stock I Irrigation
-		Industrial Industrial Industrial	] Drainage [] Other [] he character and thickness of the different str
_	•	met with in drilling, such as s	soil, clay, shale, gravel, rock or sand, etc. Sh ntered, thickness and character of water-beari
_		strata and height to which the	water rises in the well.
_			rom To PERFORATIONS
_		Hole of Castag	Kind From To
-		6" 6 5/8"	
- }		OD x 1/"   +1	1½ 72 Torch 68 72
	rises in the wel et from surface.	N N	Chatte West To be a self-and
_			Static Water Level for non-flowing w
_			Shut-in Pressure for Flowing Wellion.
-			Pumping Water Level50!f
-		w	atgal. per minute.
-			Discharge in gal. per min. of flowing w
-			How Tested.Air.Lift.Pump
- ]		X	Length of Test. Four hours
<b>-</b> ] ,		•	Remarks: (Gravel packing, cementing, pa
		SE 4SE Sec. 30. T.13NR. 19 Indicate location of well an	1
_ {		place of use, if possible. Eac small square represents 4	h periorations in six inch
_	•	acres.	can be depended upon to pro
-		as they are not ove	water year after year as lo rpumped, i.e., they should be
_		pumped…at…rates…les	ss
- [		number of acres and lo	cation or other data (i.e.: Lot, Block and Ad
-		•	
_			
	xact depth of bottom.		
Botto	m of hole 72'		52
Botto	om of hole 72!	opies to be filed by the owner with the	

Show saw on And the control of the c The second secon Later Company the for most of the open well 50 % of the tested capacity of the aquifer. . ३८, ३५० के ्क्रांट व्यक्ति कर्ते व्यक्तिक रेज्याचा पूर्व व्यक्तिक 1.000 Substitute of the state of the continualities and attata or pook or rand, vis. Show in section of radicelearling program palacing [] transferrensistak ... (apre) ۲, 64 1 6 7.1 NO LONG LIJER Executed and filed this record on the 2.3 doy of a 1.4 do y of a 1.4 do 196 D03330012

Quis form to be goodered.

County Clerk and the other or to ex-

_R19 W., M.P.1 13[}] Missoula

DUPLICATE

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

County.

## Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

2	(Address) (Town)  State of Montana to the Montana laws in effect prior to January 1, 1962, as follows:
appropriated groundwater according	to the Montana laws in effect prior to January 1, 1962, as follows:
2	
3	The beneficial use on which the claim is based
3	domestic, garden, lawn
	Date or approximate date of earliest beneficial use; and how continuous the use has been December 1, 1957 - constant use
E	
4	The amount of groundwater claimed (in miner's inches or gallons per minute)15 garlons per minute
s 5	i. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Sec. 30 T.13 R 19 W. M. P. N	inapplicable
point of appropriation	
ce of use, if possible. Each quare represents 10 acres.	3. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
	Well, Alff Addition, Cobban and Dinsmore's
	Orchard Homes No. 3, Lot 2, Block \$
**************************************	, 1957.
far as it may be available, the type,	size and depth of each well or the general specifications of any other drilled well, 6" casing, depth 70!
<del>-</del>	
e estimated amount of groundwater with a log of formations encountered in the	
e estimated amount of groundwater w	ithdrawn each year. 4,088,000 gallens. drilling of each well if available interestinable.
e estimated amount of groundwater we e log of formations encountered in the	ithdrawn each year. 4,088,000 gallons. drilling of each well if available and itable.
e estimated amount of groundwater we e log of formations encountered in the	drilling of each well if available interestinable in the same of this act, including one as may be useful in carrying out the policy of this act, including
e estimated amount of groundwater we e log of formations encountered in the	drilling of each well if available interestinable in the same of this act, including one as may be useful in carrying out the policy of this act, including
e estimated amount of groundwater we e log of formations encountered in the	drilling of each well if available of writiable are as may be useful in carrying out the policy of this act, including record inapplicable

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Marie Control

I received and filed this instrument for received on the day of the 196. It is a second on the second of Missoula County, State of Montana Winess my hund.

MARTIN S. REVINER. County Recorder
By Deputy
Fee S. R. C. C. Pedd

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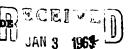
File No.

R 19 W. M. P. M.

DUPLICATE

County Missoula ...

ADMINISTRATOR OF GROUNDWATER CODE TO LET VILLE OF STATE ENGINEER STATE OF MONTANA



## Declaration of Vested Groundwater Right NGINEER

(Under Chapter 237, Montana Session Laws, 1961)

James D. Ellen (Name of Appropriate	of 1706 27th St. (Address)	Missoula (Town)
351	State of Montana	(IOMI)
	rding to the Montana laws in effect prior to Ja	nuary 1, 1962, as follows:
N		
<del></del>	2. The beneficial use on which the claim is b	need
	domestic, garden, lawn	***************************************
	0140000011	
	3. Date or approximate date of earliest bene	eficial use; and how continu-
	ous the use has been	
	200E	ant use 1933
		··········
	4. The amount of groundwater claimed (i	n miner's inches or gallons
	per minute) 15 gallons perminut	
	***************************************	
	F. Thursday, but the streets	
*	5. If used for irrigation, give the acreage to which water has been applied and inapplicable	name of the owner thereof
1/ Sec. 30 T.12 R10 W M	. P. M.	
icate point of appropriation		
i place of use, if possible. Each		
all square represents 10 acres.	6. The means of withdrawing such water fr	_
	tion of each well or other means of withd Well Alff Addition, Cobbon &	rawai
	-Almes No. 3, Lot 1, Block 3	
	ompletion of the construction of the well, wells	, or other works for with-
The depth of water table 30.1ect.  So far as it may be available, the works for the withdrawal of ground	type, size and depth of each well or the general waterdrilled well, 6" casing, depth	or other works for with-
drawal of groundwater	type, size and depth of each well or the general waterdrilled well, 6" casing, depth	or other works for with-
drawal of groundwater	type, size and depth of each well or the general water	or other works for with-
drawal of groundwater	type, size and depth of each well or the general waterdrilled well, 6" casing, depth	al specifications of any other
drawal of groundwater	type, size and depth of each well or the general water	al specifications of any other
drawal of groundwater	type, size and depth of each well or the general water	or other works for with-
drawal of groundwater	type, size and depth of each well or the general water	or other works for with-
drawal of groundwater	type, size and depth of each well or the general water	or other works for with-
drawal of groundwater	type, size and depth of each well or the general water	or other works for with-

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

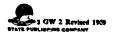
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

215554

I received and filed this instrument for record on the 3 day of 1922 o

ALBERT ST. CO. CO.

in many to seek the the transfer and both the transfer of the control of the transfer of the t



## County Missoula 30

DRILLER'S LOG

Indicate the character, color, thick-

ness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show

Water rises in the well 35 ft. from surface.

48227

#### STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

### NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Missoula, Montane LICENSE NO. 52

APPROPRIATION BY M	•	' 1		at which water is found and to which water rises in well.		
Developed after Janua	<del></del>			_	App	FOX
(Under Chapter 237 Montana Session This form to be prepared by driller, a			<del></del>	Ground	(Eler. above sea level) 316	<u>o-</u>
OF the Galler With the County Clerk at	of Parcertar in the cour	nty in	(Foot)	(Tout)		<u></u>
which the well is located, last copy to Please answer all questions. If not appli	cable, so state, otherwis	se the		- 1	Topacil Sand, gravel &	
form may be refurned.				cobblestones with a	<u>us</u>	
James D. & Owner Betty A. Ellen	.31.	_55.	mixed in. Gravel and cobblest with silt mixed in	PRO.		
Address 1706 27% Ave.	. 25		Silty sand			
Missoula, Montana	MARCH 11, 1971 3, 30 PM.		- <u>72</u> -		Gravel and wand Glass operate gravel	
Date well started	GW 1				Vater	
completed2/9/71		<u></u>				
Type of wellDELLISE						
Equipment usedCableTools	ug, driven, bored or drilled)	ļ				
•	Chura delli, rotary or other)					
Water Use: Domestic 👺 Municipal [	] Stock [] Irrigati	on 🗷				
industrial 🔲 Drainage 🗍 C	ther 📑 Gerden/Lav	wn <b>⊡</b> ≆				
*Describe	*********************************					
USE: If used for irrigation, industrial, state number of acres and location	drainage or other. Ex	cplain,				
and Addition). Lot 1, Bloc		1.			1	
·						1
ESTIMATED ANNUAL WITHDRAWAL	2,000,000					l
Stor of Stor and Press To Drifted Weight (Foot) (Foot)	PERPURATION	<u></u> -				
6" 6 5/8"	Mind From (Fost)	(Feet)				
OD x 1/2 +2 74	N O N	E				
} }		ļ				
N St.	itic water level35					} }
Pu	mping water level	fr.*				
	±50gallons gasured 50minutes aft					1 (
	gen. Neasured from ground l					
	ell developed by A1r.					
	·3hours. werGas Pump	3Q HP				}
Re	marks: (Gravel packing, ckers, type of shutoff) .	, cementing,				}
	aterentering	rell				1
	hroughopenbe: fsixinchcas:					1
₹ ₩		ont84				]
INDICATE LOCATION OF WELL AND EACH SMALL SQUARE REPRESENTS 40	•	SSIBLE.				1
LIBERTY DRILLI	NG_G XUMP COME	ANY		<u> </u>		} ,
Driller's Signature L. J. M. Winn	` _ `					]
Driller's Address 2500 Reggy	HICENSE NO. E		7	4.	Show exact depth of bottom	

MANGRED FOR VERON CO. FORE

Note: Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

JPLICATE  Top of Ground		ADMINIS 0	STATE TRATOR FFICE OF	OF MONT	NDWATE	196 4 196 0 DE	•••••••••••••••••••••••••••••••••••••••
(Elev. above sea level)	ı	Notice of Approp	Compl	etion" d	of Gro	1 Nell	ler
-			apter 237,			-	L1 1.
- I	wner.: Filler	Danyla Venda Llena C	E TECHS	Addres	8 1343 70	2 // / 5 (W)	au. W.
		Notice of Appro					
		il-started					
_ `` <b> </b>	ype of	well		Equipn	nent Used ı, drill, rota:	**************	
- W	Vater 1	Use: Domestic Industrial		nicipal [] ainage []	Other Stock		rigation 🗌
st SI	rata n how de	dicate on the d net with in drill opth at which w strata and heig	ing, such a: ater is enco	s soil, clay, ountered, tl	shale, gra hickness an	vel, rock o	r sand ata
Size o Drille Bole	d	Size and Weight of Casing	From (Feet)	To (Feet)		PERFORATION	15
-		8"?	appears,		Kind Size	From (Feet)	To (Feet)
			appert, 70 ft. desp			İ	
			dey				
N	Ste	tic Water Level	for non-flo	wing Well.		••••••	feet.
		ut-in Pressure f					
	Pu	mping Water Le	vel	fec	t at	gal. 1	per minute.
· Iv		scharge in gal, p	er min. of	flowing we	11	***************************************	1000
		w Tested	****************	Lengt	th of Test	,41,022224040404040404	*****************
	Re	marks: (Gravel tion of other s	packing, o place of us imilar pert	e of groun	dwater if	not at wel	l. and anv
35 15 15		acres ir	rigated, if u	sed for irr	igation)	***************************************	
S2.1/SE Sec.30 T./3 R// Indicate location of well and place of use, if possible. Each small square represents 10 acres.		••••••				***************************************	•••••••
		***************************************		*******************			•••••••
Show exact depth of bottom.				Duillan	's License		***************************************
		Owner	ligashir:	/	. ^	cho a	,
This form to be prepared by driller, and threin the county in which the well is located.	ee cop	ies to be filed b	y the owne	r with the	County Cl	V erk and Re	corder
Please answer all questions. If not applicable	le, so	state, otherwise	the form w	ill be retu	ned.		
Original to the County Clerk and Recorder; Mines and Geology and Quadruplicate for	duplic	ate to the State ppropriator.	Engineer;	Triplicate	to the Me	ortana Bur	cau of
							2 2 60

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File No...

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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

APR 21 1971

## DRILLER'S LOG

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

			n Laws, 1961, as amended)	Тор	of Grou	nd (Elev. above sea level	Approx
by the owner which the we	with the Cour	ty Clerk a	and three copies to be file	d Pro	et) (Feet)	CLICY. ADDVE SER JEVEL	) SISUV
Please answe	r all questions.	If not appl	and Recorder in the county in the county in the retained by driller.		0	1 Topsoil	
form may be	returned.			• -	1 2	4 Cand, gravel &	cobble
Owner Offi	lee of Sta	te Fore	Rator		3	Btonag	
		*************	For Administrator's Use	]		mixed with ton	md 3.4
Address	Spurgin :	Road	File 30/64/	3	4	Fine to coarse	ailty
Miss	oula, Mon	tana	april 19, 1971		4	Clear coarse sa	
		***************************************	9:15 P.M.				
Date well star	ted	<u></u>	GW 1			mixed in tan cl	
comple	ted 3/24/7	2		5			
	Drille	[	***************************************	-6		ITANA ALTER KAMM	4
		/D-	ug, driven, bored or drilled)	_7.		Clean coarse	rayel d
Equipment use	d Air Ro	tary &	Cable Tools	_7		Land Fravel	ŧ
Water Use: Do		(0	Churn drill, rotary or other)			Gravol imbedded silty clay	4
		unicipal [	] Stock 🗌 Irrigation 🔣	_79	81	Clean conrae day	d
Industri	al 🔲 🛮 Drainag	e [] Ot	her []* Garden/Lawn []	81	88	and gravel Cobblestones & g	4
*Describe				88			
Was: IT USAN 1	OF irrination to					Liver Coargo san	d. 3
state num	ber of acres and	location of	drainage or other. Explain, or other data (i.e. Lot, Block	113	125	gravel and cobbl Silty sand grav	estone
and Addit	tion). Tree. No	TAOLY.	or other data (i.e. Lot, Block Acres of Porest		1	and cobblestones	
ESTIMATED AND	MILLAL MATTERNA				┦──┼	س بی حد سه بید صد جه بید بید در بید بید بید بید بید بید	
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to bottom	of screen	9X ten	ing 113 world	đ.,			-
rarrbabe.	N						コ !
	1   1	Static	water level 2917"	ft.*			
		ar	ling water level 66				<b>-</b>
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w X	B	began *Meas	sured from ground level.			· · · · · · · · · · · · · · · · · · ·	
		Well	developen hv <b>Surga 🗷 🗚</b>	ex+			
		,0,,	58 hours, Diesel Pump 150		حد, اب صحص ، صاد د د		-
		Remar	'ks: (Gravel packing, cementic	, _c			
8		packer	rs, type of shutoff) All was	+122-4			
NW 4 SW	¼ Sec <b>3Ω</b>	.LALES	oring well is comi				<b>」</b> :
TE.LT SE	R19 <u>I</u>	son.	Water Well Screen				<b>-</b>
-	***	*********	***************************************				4
	a WEI VEORIA	13 4U ALI	CE OF USE, IF POSSIBLE.	<del></del>			] !
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- incr a digitatore	William F		Zarone				
Driller's Address .	2500Roser	ve.str	ne, Owner		+-		-
Missoula,	Montana		LICENSE NO. 59	108		Show and I at a	<del>'</del>

125 ft. Show exact depth of bottom water rises in the well 29.7" from surface

GI		
File No		•
DUPLICATE		T. 13N R 19W
DUILICATE	COM A MITS ON THE COM	County Missonla
	STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODI	(D) CENVEL
	OFFICE OF STATE ENGINEER	
**************************************	Declaration of Vesied Groundwater Right (Under Chapter 237, Montana Session Laws, 1967)	ds STATE ENGINEE
1 The Propert & Course	and the second s	
(Name of	Appropriator) (Address) Miss	y, Montana State Univers
COMPANY OF MARIN	10/m1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
lows:	soundwater according to the Montana laws in effect p	prior to January 1, 1962, as fo
Ж		
	2. The beneficial use on which the c	claim is based
	irrigation of mureery	***************************************
	3. Date or approximate date of earlie	st beneficial use; and how con
	tinuous the use has been	and continuous
	B	
	4. The amount of groundwater claims	ed (in miner's inches on gallon
	per minute)	
* <del></del>	5. If used for irrigation, give the a lands to which water has been ap	creage and description of the
	rands to which water has been ap	plied and name of the owner
	thereof PCCORTIAL of 160 new	to the charge will and will
据4 <b>XW</b> 2Sec39 <b>T.1</b> 38	thereof Potential of 160 some the 160 some thereof Potential of 16	s in St of NW and No of Forest and Conservation
Indicate point of approp	R 19w Stall in Sec. 30, T 30 N, Experiment Station, Forest	ss in Se of We and Ne of Forest and Conservation ree Mursery, R 19W M.P.
Indicate point of appropriand place of use, if no	FR 19w Stall in Sec. 30, 7 30 N, Printing original printing of the sec. 30, 7 30 N, Experiment Station, Forest 1 consible.  6. The means of withdrawing such w	Forest and Conservation The Mursery, R 19w W.P. ater from the ground and the
Indicate point of approp and place of use, if po Each small square represe	FR 19w Stall in Sec. 30, T 30 N.  Experiment Station, Forest 1  ossible.  6. The means of withdrawing such we location of each well or other means	Forest and Conservation rese Mursery, R 15w M.P. ater from the ground and the
Indicate point of approp and place of use, if po Each small square represe	FR 19w  Stignary and Station of Station of each well or other mean time. Located near each each service.	Forest and Conservation Free Mursery, R 15W M.P. ater from the ground and the mas of withdrawalelectric
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Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

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DUPLICATE

County. Missoula

#### STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

	' (Under Ch	napter 237, Montana Session Laws, 1961) STATE ENGINEER
Co ha	ounty of Masoula ave appropriated groundwater acc	iment Stationer School of Forestry, Montana State Universi (Address) Missoula (Town) State of Montana ording to the Montana laws in effect prior to January 1, 1962, as fol-
lo	WS:	• • • • • • • • • • • • • • • • • • • •
П	<b>N</b>	2. The beneficial use on which the claim is based
		3. Date or approximate date of earliest beneficial use; and how continuous the use has been1912 and continuous
<b>7</b>	R	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
	•	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
	AND Sec. 30 T.13NR. 19N ate point of appropriation	Forest and Conservation Experiment Station, Porest Tree Burgery
and	place of use, if possible.	6. The means of withdrawing such water from the ground and the
acres	small square represents 10	location of each well or other means of withdrawal
7. Ti	he date of commencement and corrawal of groundwater	mpletion of the construction of the well, wells, or other works for with-
of	ther works for the withdrawal of	rpe, size and depth of each well or the general specifications of any
•••	Drilled well	
	120 casing	
***		
0. T	he estimated amount of groundwa	ater withdrawn each year
11. T	he log of formations encountered i	n the drilling of each well if available
•••		
		nature as may be useful in carrying out the policy of this act, including county record not applicable
•••	The FOR	EST AND CONSERVATION EXPERIMENT STATION, School of Forest State University Signature of Owner Stations
	By: Ross	A. Williams, Director Date 2/8/62
		Dave Conf. Up. Co.
Three	copies to be filed by the owner w	ith the County Clerk and Recorder of the county in which the well is

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

The satisfies a constant of the controller followers that the satisfies of 
			Approved Stock Form-State Publishing Co., Helena, Montana-4234
e No			T 13 R 101
PLICATE			County Missoule
	_	01	STATE OF MONTANA  STRATOR OF GROUNDWATER CODE  FFICE OF STATE ENGINEER  OF STATE ENGINEER  OF STATE ENGINEER
	Dec		of Vested Groundwater Rights EC 30 1963
J. Howa:	rd Foster	•	STATE ENGINEER
	(Name of A	Appropriator)	
County of have approp	Missoula risted ground	water accord	State of <b>Montana</b> ling to the Montana laws in effect prior to January 1, 1962, as follows:
	N		2. The beneficial use ou which the claim is based
			3. Date or approximate date of earliest beneficial use; and how continu
			ous the use has been February 1960 Used every day since.
			4. The amount of groundwater claimed (in miner's inches or gallon per minute) Not known
			5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereo Used to irrigate lawn and family garden.
• -	30 T. /3 R	•	Entire size of lot 100 X 150 feet.
d place of us	of appropries, if possible.	Each	6. The means of withdrawing such water from the ground and the loss tion of each well or other means of withdrawal
The date drawal of was dril	of commence groundwater. Led sometim	ment and con The house	mpletion of the construction of the well, wells, or other works for with was built between Sept. and Feb. 1960, and the well that period.
			Not known
			type, size and depth of each well or the general specifications of any other ater. The well is about 80 feet deep.
	ated amount	of groundwate	er withdrawn each year Not known
The estimated amount of groundwater withdrawn each year. Not known.  The log of formations encountered in the drilling of each well if available. Not known.			
	i iormations e		
. The log of	••••••••••		
. The log of	r information to book and p	of a similar	
2. Such other reference t	r information to book and p	of a similar	nature as may be useful in earrying out the policy of this act, including out the policy of

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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214841

I received and filed that instrument for record on the off in day of Alace 195-3 of 12 Alace 195-3 of 12 Alace 195-3 of 12 Alace 195-3 of Missoula County, State of Mantana Witness my hand:

MARTIN S. BEHINER, County Recorder By MARTIN S. BEHINER, County Recorder By MARTIN S. BEHINER, County Recorder By MARTIN S. BEHINER, County Recorder By MARTIN S. BEHINER, County Recorder By MARTIN S. BEHINER, County Recorder By MARTIN S. BEHINER, County Recorder By MARTIN S. BEHINER, County Recorder By MARTIN S. BEHINER, County Recorder By MARTIN S. BEHINER, County Recorder By MARTIN S. BEHINER, County Recorder By MARTIN S. BEHINER, COUNTY Recorder By MARTIN S. BEHINER, COUNTY Recorder By MARTIN BY MA

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DUPLICATE

#### STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater RightsATE ENGINEER

	a- 4	_	237, Montana Session Lews, 1961)
1	ElMA	FRANK	of R. T. E. # 1 OAK STREET MISSOUPA
	(Name of	Appropriator)	(Address) (Town) State of MONTANA
D)	ounty of ///JJ	dwater according t	State of MONTANA  o the Montana laws in effect prior to January 1, 1962, as follows:
•••	and abbrobrased from	actions according to	o one mourance nears in circost butter to cantient? If read en tottoas:
		2.	The beneficial use on which the claim is based MOUNE MOID  GACOEN Y LAW-E
-		8.	Date or approximate date of earliest beneficial use; and how continu-
].			ous the use has been 1934 CONTINUE
٠L	20		1937 6001 1000
			garantapanin pitteraan neustaninan episenaanan episenaanan episenaanan (neustanin en en en en en en en en en e
			The amount of groundwater claimed in miner's inches op gallons per minute) 440 9413 122 124
ŀ			
L		5.	If usod for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
13	SA Sec 30 T. 13	R. 19	GARDEN 50 X 100
indi	icate point of approp		
mđ	place of use, if possible	. Each	The means of withdrawing such water from the ground and the loca-
TILL.	Il aquare represents 10	acres. U.	
			tion of each well or other means of withdrawed
			(Jacuzzi)
7.	The data of comments drawal of groundwate	cement and completi	on of the construction of the well, wells, or other works for with-
R.			NT) FT
	So far as it may be	available, the type,	size and depth of each well or the general specifications of any other
	works for the withdraw	wal of groundwater	60' DEDTH 6" Exsing
		******************************	G G
	***************************************		
10	The estimated amount	of moundwater wit	hdrawn each year 160,965,901.
		or Brozodnami Ari	1
11.	The log of formations	encountered in the	Brilling of each well if available # 40 X 36 5
	********************************	440	GAT PER DAY - MEG 363" DAYS
		······································	
12.	Such other information reference to book and		e as may be useful in carrying out the policy of this act, including record
	######################################		Nerwing 6/52 Applicable
			Signature of Owner & Like Frank  Date Gul-6-1964
			Date - 4-19/14
The	ree copies to be filed by	the owner with the C	county Clerk and Recorder of the county in which the well is located.
Ple	ase answer all questions	. If not applicable,	so state, otherwise the form will be returned.